

LED LIGHTING FOR UHD BROADCASTING

# 알파라이트 제품 카달로그





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# 01 CORE TECHNOLOGY

Cool White와 Warm White의 LED만을 사용하여 색온도만을 가변했던 LED조명 제작 초기에는 색상을 연출하기에 여러 한계가 있었습니다. 이에 알파라이트는 색표현 한계(Cyan, Magenta, Yellow의 표현)를 넘어서기 위해 RGBAW 광원을 개발하여, 컬러스펙트럼 중간 영역을 대폭 향상시켰습니다.



CIE1931 표준광원을 위한  
광원설계 기술



LED 조명기구 타입에 따른  
최적화된 광학렌즈 설계

광색가변 색온도제어 컬러매칭 기술

- High CRI / TLCI
- 색온도, CRI, Lux,  $\Delta$ UV, Rf-Rg 값을 일정하게 맞추어 편차 최소화
- 효과적/효율적 LED 배열

색의 4원색 (The Four Primary Colors)





ALPHA 

일반적으로, 조명의 색 구현을 위해서 색의 삼원색인 RGB를 혼합하게 됩니다. 디지털에서도 색 구현을 위해 각 R, G, B 값을 기본 변수로 삼입하여 알고리즘을 구성합니다.

하지만, 디지털에서는 오직 RGB 값만으로는 컬러를 정확히 구현하지 못합니다. 알파라이트는 디지털에서의 RGB 구현 문제를 해결하고 미래 조명 솔루션을 구축하기 위해 색의 사원색 개념인 'RGB $\alpha$ '를 개발하였습니다.

|  |  |
|--|--|
|  <p><b>기구물 설계</b></p> |  <p><b>조명 제어<br/>컨트롤</b></p> |
| <p>1<br/>조명기구 외형 디자인</p>   | <p>1<br/>LCD 스마트 터치 스크린</p>  |
| <p>2<br/>방열구조 설계</p>   | <p>2<br/>DMX512 / DMX512 RDM /<br/>Wireless DMX512 / Wireless RDM</p>  |

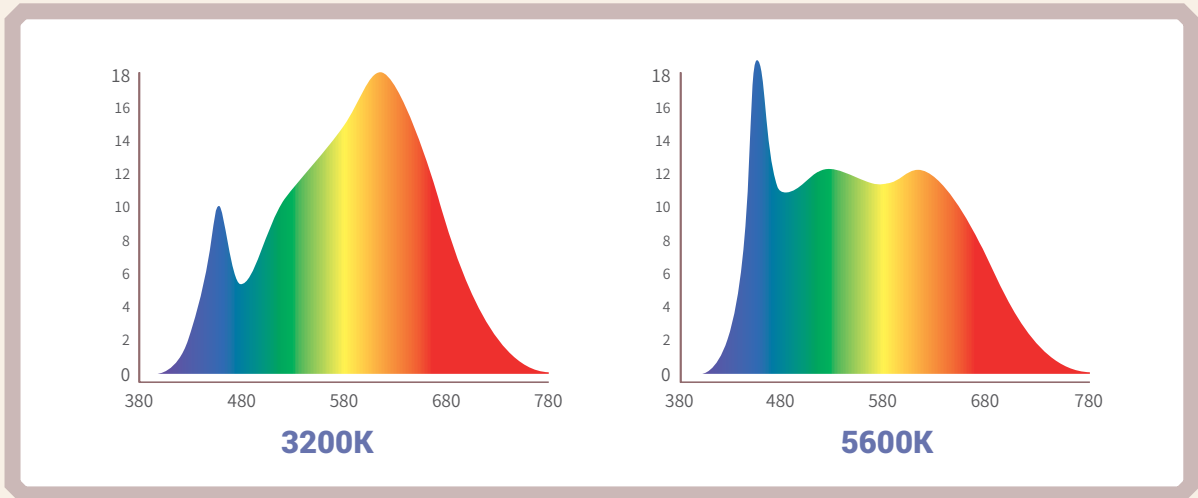
**ALPHA ALGORITHM**

|  |  |  |  |
|--|--|--|--|
|  <p><b>컬러 믹싱 최적화<br/>알고리즘</b></p> |  <p><b>디밍 커브 최적화<br/>알고리즘</b></p> |  <p><b>CRI 부스팅<br/>알고리즘</b></p> |  <p><b>디지털 컬러 디테일<br/>구현 알고리즘</b></p> |
|--|--|--|--|

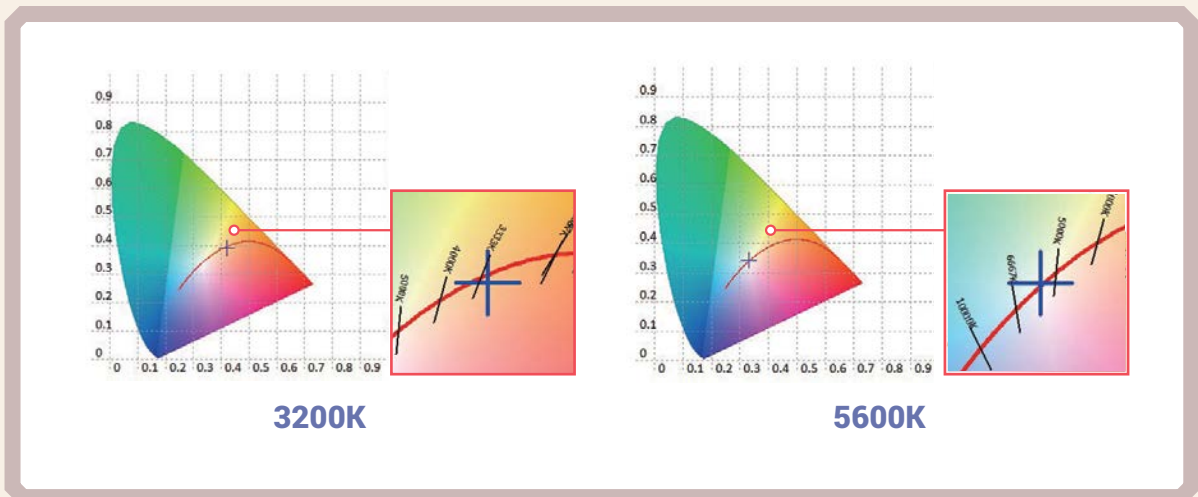
## 02 LIGHT SOURCE DATA

### SPECTRUM DATA

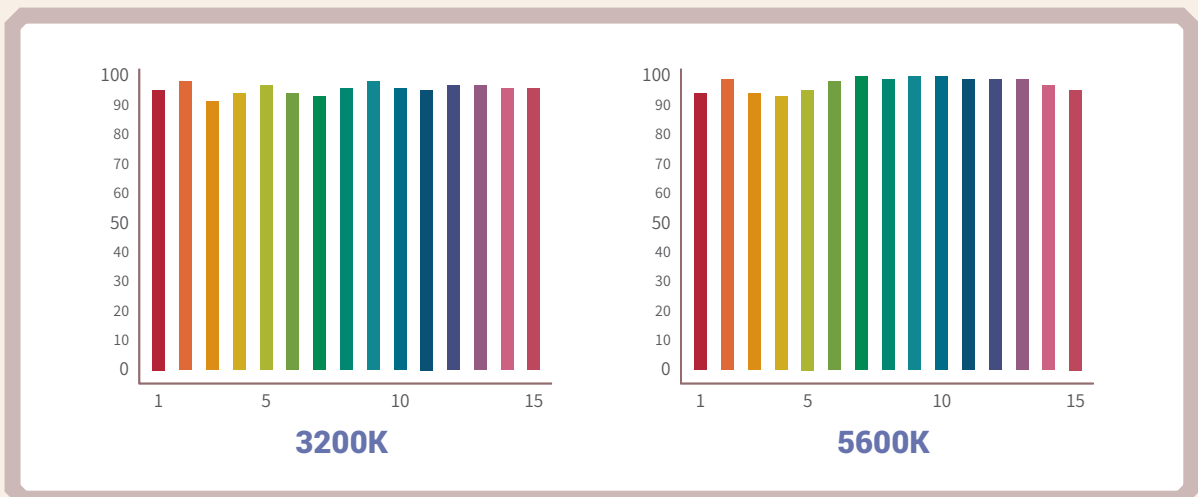
알파라이트 조명기구물에서 측정한 평균 스펙트럼 데이터입니다.



### CIE1931 DATA

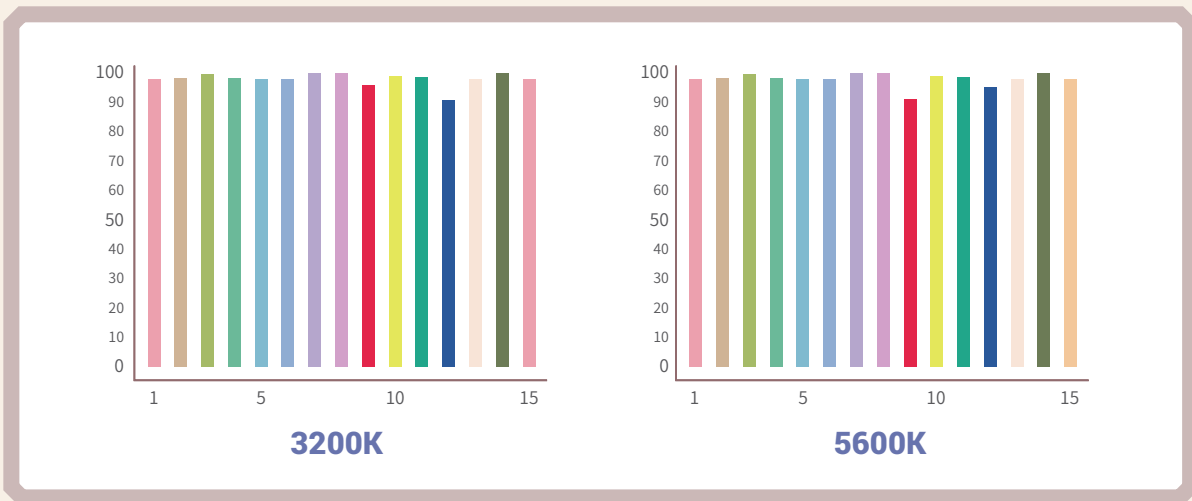


### CQS DATA

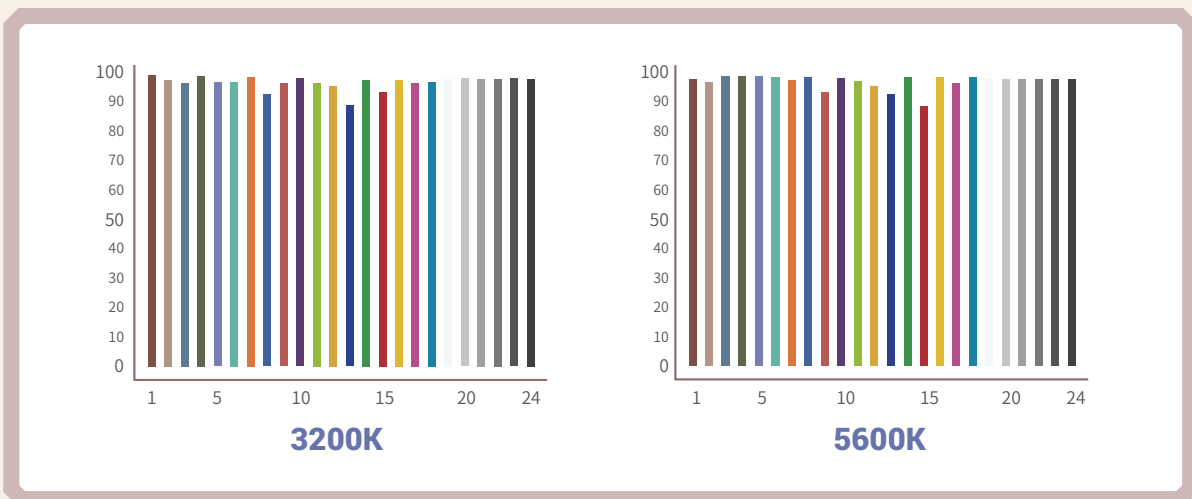


## CRI DATA

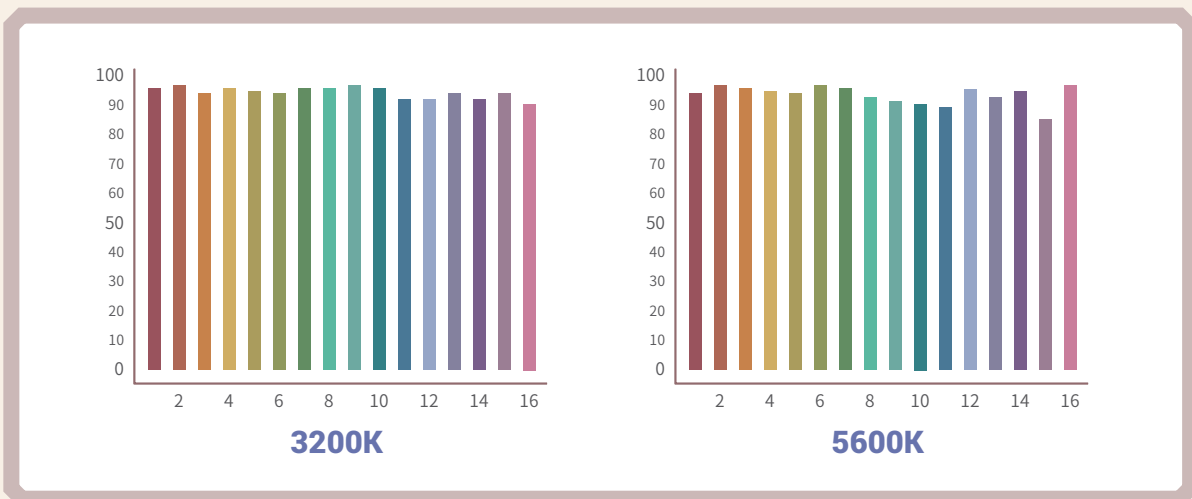
알파라이트 조명기구물에서 측정한 평균 연색성 및 색의 재현성 데이터입니다.



## TLCI DATA



## TM30 DATA



## 03 PRODUCTS CLASSIFICATION

알파라이트는 현재의 할로겐과 HMI 그리고 젤필터의 시스템 한계를 체감하고 이를 대체하기 위한 다양한 LED조명을 개발해왔습니다.



| ALPHA SEVEN COLOR |

α7c 시리즈는 새로운 광원/광학 솔루션 기반의 조명제어와 운용에 대한 혁신적인 인터페이스를 담은 3세대 LED조명입니다. 6 Color + 2 White의 초고용량 LED엔진과 알파라이트만의 'α 알고리즘'을 탑재한 LED스팟/LED패널로 구성된 방송, 공연장, 영화 촬영 등을 위한 LED패키지 조명입니다.

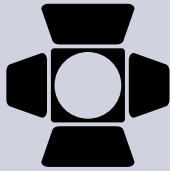
기존 White조명과 RGB조명이 구현하지 못한 색상표현 영역과 색온도 범위에 대한 한계를 뛰어넘어 Daylight 위주의 조명 촬영 방식에서 Moonlight를 위한 조명연출/표현 및 완벽한 색상표현과 강한 밝기의 동시 구현이 가능해졌습니다.

- CRI / TLCI 최대 99.5
- 2,000~35,000K 범위 색온도 가변
- 멀티어레이 렌즈와 Micro 디퓨저를 통한 자유로운 조명배광 각도조절
- 할로겐 조명의 감성적인 느낌과 색감을 조절할 수 있는 색보정 기능

NEW

### α7C Fresnel Spot Series

7 Color LED Fresnel Spot Light



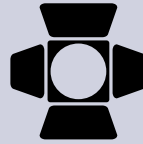
#### ALPHA 3000

600W 6 Color + 2 White  
15°-55° beam angle adjust



#### ALPHA 2000

450W 6 Color + 2 White  
15°-55° beam angle adjust



#### ALPHA 1500

300W 6 Color + 2 White  
15°-55° beam angle adjust



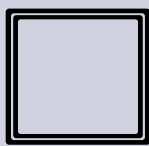
#### ALPHA 1000

240W 6 Color + 2 White  
15°-55° beam angle adjust

NEW

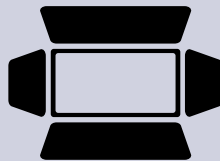
### α7C Panel Series

7 Color LED Panel Light



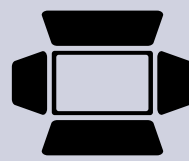
#### ALPHA 6060

650W 6 Color + 2 White  
Full 2,000~35,000K (VCT)



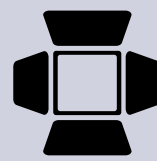
#### ALPHA 3060

450W 6 Color + 2 White  
Full 2,000~35,000K (VCT)



#### ALPHA 3045

350W 6 Color + 2 White  
Full 2,000~35,000K (VCT)

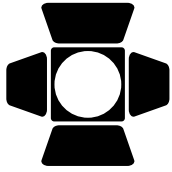


#### ALPHA 3030

240W 6 Color + 2 White  
Full 2,000~35,000K (VCT)

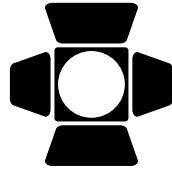
## FS Series

LED Fresnel Spot Light



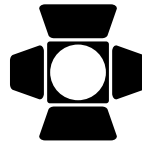
### FS5000

650W Bi-color  
15°-55° beam angle adjust



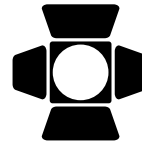
### FS3000

500W Bi-color  
15°-55° beam angle adjust



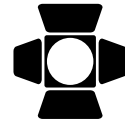
### FS2000

350W Bi-color  
15°-55° beam angle adjust



### FS1500

250W Bi-color  
15°-55° beam angle adjust



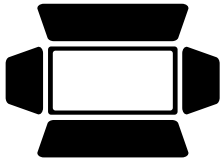
### FS1000

200W Bi-color  
15°-55° beam angle adjust

NEW | HOT

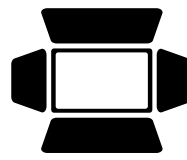
## A-PLUS-J Series

New version LED Panel Light



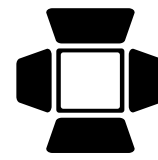
### A8-PLUS-J

400W Full RGBW color  
Full 2,500~10,000K (VCT)



### A6-PLUS-J

300W Full RGBW color  
Full 2,500~10,000K (VCT)

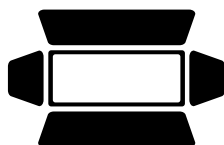


### A4-PLUS-J

200W Full RGBW color  
Full 2,500~10,000K (VCT)

## A-PLUS Series

LED Panel Light



### A8-PLUS

400W Full RGBW color (Direct)  
Full 2,500~10,000K (VCT)



### A6-PLUS

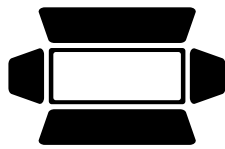
300W Full RGBW color (Direct)  
Full 2,500~10,000K (VCT)



# 03 PRODUCTS CLASSIFICATION

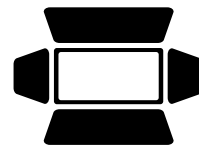
## A Series

LED Panel Light



### A2460

300W Bi-color (Direct)  
Full 2,900~6,000K (VCT)

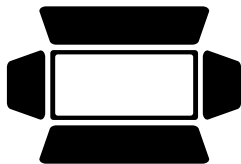


### A2440

200W Bi-color (Direct)  
Full 2,900~6,000K (VCT)

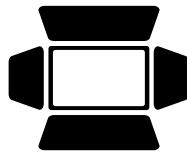
## E Series

LED Edge Panel Light



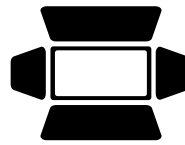
### E3060

300W Bi-color (Reflective)  
Full 2,900~6,000K (VCT)



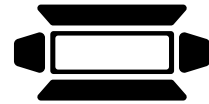
### E2440

200W Bi-color (Reflective)  
Full 2,900~6,000K (VCT)



### E2040

150W Bi-color (Reflective)  
Full 2,900~6,000K (VCT)



### E1360

150W Bi-color (Reflective)  
Full 2,900~6,000K (VCT)

## CYC Series

LED Cyclorama / Horizont Light



### CYC500

300W  
Full RGB + Amber + Royal blue + White

## DL Series

LED Downlight



### DL100

100W /  $\phi$ 205~230  
3200K, 5600K (FCT)



### DL50

50W /  $\phi$ 205~230  
3200K, 5600K (FCT)



### DL30

35W /  $\phi$ 142~155  
3200K, 5600K (FCT)



### DLT50

50W /  $\phi$ 175~183  
3200K, 5600K (FCT)

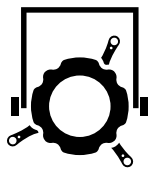


### DLT30

35W /  $\phi$ 145~153  
3200K, 5600K (FCT)

## PS Series

LED Profile



### PS750C

250~300W  
Full RGB + Amber + Lime + Cyan



### PS750W

250~300W  
Full 2,900~6,000K (VCT)

## TL Series

LED Track Light



### TL30 FOCUS ZOOM

30W / Zoomable, Shapable  
5600K (FCT)



### TL30 ZOOM SPOT

30W / Zoomable  
5600K (FCT)

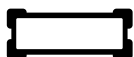


### TL30

30W  
5600K (FCT)

## Beauty Soft Light

LED Desk Pad



### DSPAD

18W / CRI 95~98  
Full 2,900~6,000K (VCT)

## RX / TX

Wireless Module



### RX / TX

Wireless DMX receiver /  
transmitter

# 04 PRODUCTS DESCRIPTION

7 Color LED Fresnel Spot Light

## α7C Fresnel Spot Series

### ALPHA 3000

조달물품식별번호  
24519274



#### SPECIFICATIONS

|                         |   |
|-------------------------|---|
| Full Color Light        | 6 Color(RGBALC) + 2 White LED Engine                                |
| White Light             | 2,000~35,000K (VCT/FCT)   |
| Color Rendition         | CRI 95~99.5 / TLCI 95~99.5  |
| Dimming (%)             | 0~100 (16-bit)  |
| Lens Diameter (mm/inch) | 250 / 9.8   |
| Beam Angle              | 15~55°  |
| Supported Protocols     | DMX512 / DMX512 RDM<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage     | AC 100-240V 50/60Hz   |
| Power Consumption (Max) | 600W  |
| Dimension (mm/inch)     | 328 x 404 x 464 / 12.9 x 15.9 x 18.3 (WHD)                          |
| Weight (kg/lbs)         | 12.3 / 27.1   |

#### PHOTOMETRIC DATA LUX

|          |      |
|----------|------|
| 3m (50°) | 2834 |
| 5m (50°) | 1050 |
| 7m (50°) | 502  |
| 9m (50°) | 278  |

### ALPHA 2000

조달물품식별번호  
24519272



#### SPECIFICATIONS

|                         |   |
|-------------------------|---|
| Full Color Light        | 6 Color(RGBALC) + 2 White LED Engine                                |
| White Light             | 2,000~35,000K (VCT/FCT)   |
| Color Rendition         | CRI 95~99.5 / TLCI 95~99.5  |
| Dimming (%)             | 0~100 (16-bit)  |
| Lens Diameter (mm/inch) | 200 / 7.9   |
| Beam Angle              | 15~55°  |
| Supported Protocols     | DMX512 / DMX512 RDM<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage     | AC 100-240V 50/60Hz   |
| Power Consumption (Max) | 450W  |
| Dimension (mm/inch)     | 287 x 357 x 415 / 11.3 x 14.1 x 16.3 (WHD)                          |
| Weight (kg/lbs)         | 8.7 / 19.2  |

#### PHOTOMETRIC DATA LUX

|          |      |
|----------|------|
| 3m (50°) | 1910 |
| 5m (50°) | 700  |
| 7m (50°) | 335  |
| 9m (50°) | 177  |

- 1 Ultra HD Lighting Quality
- 2 High CRI True Color
- 3 Smart Touch Control
- 4 Halogen Alternative LED
- 5 High TLCI True Color
- 6 USB Firmware Upgrade
- 7 No Heavy Weight
- 8 Flicker Free
- 9 Long LED Lifetime

## ALPHA 1500



### SPECIFICATIONS

|                         |   |
|-------------------------|---|
| Full Color Light        | 6 Color(RGBALC) + 2 White LED Engine                                |
| White Light             | 2,000~35,000K (VCT/FCT)   |
| Color Rendition         | CRI 95~99.5 / TLCI 95~99.5  |
| Dimming (%)             | 0~100 (16-bit)  |
| Lens Diameter (mm/inch) | 200 / 7.9   |
| Beam Angle              | 15~55°  |
| Supported Protocols     | DMX512 / DMX512 RDM<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage     | AC 100-240V 50/60Hz   |
| Power Consumption (Max) | 300W  |
| Dimension (mm/inch)     | 287 x 357 x 415 / 11.3 x 14.1 x 16.3 (WHD)                          |
| Weight (kg/lbs)         | 8.7 / 19.2  |

### PHOTOMETRIC DATA LUX

|          |      |
|----------|------|
| 3m (50°) | 1343 |
| 5m (50°) | 500  |
| 7m (50°) | 245  |
| 9m (50°) | 133  |

## ALPHA 1000

조달물품식별번호  
24519271






### SPECIFICATIONS




|                         |   |
|-------------------------|---|
| Full Color Light        | 6 Color(RGBALC) + 2 White LED Engine                                |
| White Light             | 2,000~35,000K (VCT/FCT)   |
| Color Rendition         | CRI 95~99.5 / TLCI 95~99.5  |
| Dimming (%)             | 0~100 (16-bit)  |
| Lens Diameter (mm/inch) | 170 / 6.7   |
| Beam Angle              | 15~55°  |
| Supported Protocols     | DMX512 / DMX512 RDM<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage     | AC 100-240V 50/60Hz   |
| Power Consumption (Max) | 240W  |
| Dimension (mm/inch)     | 282 x 337 x 401 / 11.1 x 13.3 x 15.8 (WHD)                          |
| Weight (kg/lbs)         | 7.6 / 16.8  |




### PHOTOMETRIC DATA LUX

|          |     |
|----------|-----|
| 3m (50°) | 863 |
| 5m (50°) | 350 |
| 7m (50°) | 197 |
| 9m (50°) | 127 |

#### OPTIONAL ACCESSORIES

-  Manual yoke
-  DMX cable
-  Clamp

-  Pole operation yoke
-  Safety chain
-  Filter frame

-  Power cable
-  4 leaf barndoor
-  Soft box

# 04 PRODUCTS DESCRIPTION

7 Color LED Panel Light

## α7C Panel Series

### ALPHA 6060



#### SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| Full Color Light                  | 6 Color(RGBALC) + 2 White LED Engine                                  |
| White Light                       | 2,000~35,000K (VCT)   |
| Color Rendition                   | CRI 95~99.5 / TLCI 95~99.5  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 597 x 597 / 23.5 x 23.5   |
| Beam Angle                        | 115° (Standard)   |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 650W  |
| Dimension (mm/inch)               | 662 x 708 x 187 / 26 x 27.9 x 7.4 (WHD)                               |
| Weight (kg/lbs)                   | 19.2 / 42.3   |

#### PHOTOMETRIC DATA LUX

|                               |      |
|-------------------------------|------|
| Standard Diffuser / 3m (115°) | 2295 |
| Standard Diffuser / 5m (115°) | 900  |
| Standard Diffuser / 7m (115°) | 500  |
| Standard Diffuser / 9m (115°) | 361  |
| Multi Array Lens / 3m (85°)   | 3000 |
| Multi Array Lens / 5m (85°)   | 1250 |
| Multi Array Lens / 7m (85°)   | 680  |
| Multi Array Lens / 9m (85°)   | 410  |

### ALPHA 3060

조달물품식별번호  
24519269



#### SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| Full Color Light                  | 6 Color(RGBALC) + 2 White LED Engine                                  |
| White Light                       | 2,000~35,000K (VCT)   |
| Color Rendition                   | CRI 95~99.5 / TLCI 95~99.5  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 597 x 297 / 23.5 x 11.7   |
| Beam Angle                        | 115° (Standard)   |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 450W  |
| Dimension (mm/inch)               | 708 x 390 x 192 / 27.9 x 15.4 x 7.6 (WHD)                             |
| Weight (kg/lbs)                   | 10 / 22   |

#### PHOTOMETRIC DATA LUX

|                               |      |
|-------------------------------|------|
| Standard Diffuser / 3m (115°) | 1113 |
| Standard Diffuser / 5m (115°) | 450  |
| Standard Diffuser / 7m (115°) | 245  |
| Standard Diffuser / 9m (115°) | 163  |
| Multi Array Lens / 3m (85°)   | 1537 |
| Multi Array Lens / 5m (85°)   | 560  |
| Multi Array Lens / 7m (85°)   | 291  |
| Multi Array Lens / 9m (85°)   | 178  |

\* 본 데이터는 디퓨저의 종류에 따라 차이가 있을 수 있습니다.

- 1 Ultra HD Lighting Quality
- 2 High CRI True Color
- 3 High TLCI True Color
- 4 Flicker Free
- 5 Smart Touch Control
- 6 USB Firmware Upgrade
- 7 Long LED Lifetime

## ALPHA 3045

조달물품식별번호  
24519270



### SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| Full Color Light                  | 6 Color(RGBALC) + 2 White LED Engine                                  |
| White Light                       | 2,000~35,000K (VCT)   |
| Color Rendition                   | CRI 95~99.5 / TLCI 95~99.5  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 447 x 297 / 17.6 x 11.7   |
| Beam Angle                        | 115° (Standard)   |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 350W  |
| Dimension (mm/inch)               | 563 x 390 x 192 / 22.2 x 15.4 x 7.6 (WHD)                             |
| Weight (kg/lbs)                   | 8.1 / 17.9  |

### PHOTOMETRIC DATA LUX

|                               |      |
|-------------------------------|------|
| Standard Diffuser / 3m (115°) | 780  |
| Standard Diffuser / 5m (115°) | 300  |
| Standard Diffuser / 7m (115°) | 168  |
| Standard Diffuser / 9m (115°) | 113  |
| Multi Array Lens / 3m (85°)   | 1071 |
| Multi Array Lens / 5m (85°)   | 392  |
| Multi Array Lens / 7m (85°)   | 205  |
| Multi Array Lens / 9m (85°)   | 128  |

## ALPHA 3030

조달물품식별번호  
24519268



### SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| Full Color Light                  | 6 Color(RGBALC) + 2 White LED Engine                                  |
| White Light                       | 2,000~35,000K (VCT)   |
| Color Rendition                   | CRI 95~99.5 / TLCI 95~99.5  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 297 x 297 / 11.7 x 11.7   |
| Beam Angle                        | 115° (Standard)   |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 240W  |
| Dimension (mm/inch)               | 413 x 390 x 192 / 16.3 x 15.4 x 7.6 (WHD)                             |
| Weight (kg/lbs)                   | 6.6 / 14.6  |

### PHOTOMETRIC DATA LUX

|                               |     |
|-------------------------------|-----|
| Standard Diffuser / 3m (115°) | 583 |
| Standard Diffuser / 5m (115°) | 226 |
| Standard Diffuser / 7m (115°) | 128 |
| Standard Diffuser / 9m (115°) | 87  |
| Multi Array Lens / 3m (85°)   | 801 |
| Multi Array Lens / 5m (85°)   | 295 |
| Multi Array Lens / 7m (85°)   | 155 |
| Multi Array Lens / 9m (85°)   | 98  |

# 04 PRODUCTS DESCRIPTION

LED Fresnel Spot Light

## FS Series

### FS5000

조달물품식별번호  
23959518



#### SPECIFICATIONS

|                         |   |
|-------------------------|---|
| LED Chip                | 800W CSP LED  |
| White Light             | 2,900~6,000K (VCT/FCT)  |
| Dimming (%)             | 0~100 (16-bit)  |
| Lens Diameter (mm/inch) | 250 / 9.8   |
| Beam Angle              | 15~55°  |
| Supported Protocols     | DMX512 / DMX512 RDM<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage     | AC 100-240V 50/60Hz   |
| Power Consumption (Max) | 650W  |
| Dimension (mm/inch)     | 328 x 404 x 464 / 12.9 x 15.9 x 18.3 (WHD)                          |
| Weight (kg/lbs)         | 12.3 / 27.1   |

#### PHOTOMETRIC DATA LUX

|          |      |
|----------|------|
| 3m (50°) | 4130 |
| 5m (50°) | 1620 |
| 7m (50°) | 850  |
| 9m (50°) | 535  |

### FS3000

조달물품식별번호  
23959519






#### SPECIFICATIONS




|                         |   |
|-------------------------|---|
| LED Chip                | 600W CSP LED  |
| White Light             | 2,900~6,000K (VCT/FCT)  |
| Dimming (%)             | 0~100 (16-bit)  |
| Lens Diameter (mm/inch) | 250 / 9.8   |
| Beam Angle              | 15~55°  |
| Supported Protocols     | DMX512 / DMX512 RDM<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage     | AC 100-240V 50/60Hz   |
| Power Consumption (Max) | 500W  |
| Dimension (mm/inch)     | 328 x 404 x 464 / 12.9 x 15.9 x 18.3 (WHD)                          |
| Weight (kg/lbs)         | 12.3 / 27.1   |




#### PHOTOMETRIC DATA LUX

|          |      |
|----------|------|
| 3m (50°) | 2947 |
| 5m (50°) | 1163 |
| 7m (50°) | 615  |
| 9m (50°) | 391  |

#### OPTIONAL ACCESSORIES

-  Manual yoke
-  DMX cable
-  Clamp

-  Pole operation yoke
-  Safety chain
-  Filter frame

-  Power cable
-  4 leaf barn door
-  Soft box

- 1 Ultra HD Lighting Quality
- 2 High CRI True Color
- 3 Smart Touch Control
- 4 Halogen Alternative LED
- 5 High TLCI True Color
- 6 USB Firmware Upgrade
- 7 No Heavy Weight
- 8 Flicker Free
- 9 Long LED Lifetime

## FS2000

조달물품식별번호  
23966665



### SPECIFICATIONS

|                         |  |
|-------------------------|--|
| LED Chip                | 400W CSP LED   |
| White Light             | 2,900~6,000K (VCT/FCT)   |
| Dimming (%)             | 0~100 (16-bit)   |
| Lens Diameter (mm/inch) | 200 / 7.9  |
| Beam Angle              | 15~55°   |
| Supported Protocols     | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512<br>Wireless RDM |
| Power Input Voltage     | AC 100-240V 50/60Hz  |
| Power Consumption (Max) | 350W   |
| Dimension (mm/inch)     | 287 x 357 x 415 /<br>11.3 x 14.1 x 16.3 (WHD)                          |
| Weight (kg/lbs)         | 8.7 / 19.2   |

### PHOTOMETRIC DATA LUX

|          |      |
|----------|------|
| 3m (50°) | 1983 |
| 5m (50°) | 773  |
| 7m (50°) | 408  |
| 9m (50°) | 250  |

## FS1500

조달물품식별번호  
23959520



### SPECIFICATIONS

|                         |  |
|-------------------------|--|
| LED Chip                | 400W CSP LED   |
| White Light             | 2,900~6,000K (VCT/FCT)   |
| Dimming (%)             | 0~100 (16-bit)   |
| Lens Diameter (mm/inch) | 200 / 7.9  |
| Beam Angle              | 15~55°   |
| Supported Protocols     | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512<br>Wireless RDM |
| Power Input Voltage     | AC 100-240V 50/60Hz  |
| Power Consumption (Max) | 250W   |
| Dimension (mm/inch)     | 287 x 357 x 415 /<br>11.3 x 14.1 x 16.3 (WHD)                          |
| Weight (kg/lbs)         | 8.7 / 19.2   |

### PHOTOMETRIC DATA LUX

|          |      |
|----------|------|
| 3m (50°) | 1395 |
| 5m (50°) | 552  |
| 7m (50°) | 297  |
| 9m (50°) | 185  |

## FS1000

조달물품식별번호  
23959521



### SPECIFICATIONS

|                         |  |
|-------------------------|--|
| LED Chip                | 300W CSP LED   |
| White Light             | 2,900~6,000K (VCT/FCT)   |
| Dimming (%)             | 0~100 (16-bit)   |
| Lens Diameter (mm/inch) | 170 / 6.7  |
| Beam Angle              | 15~55°   |
| Supported Protocols     | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512<br>Wireless RDM |
| Power Input Voltage     | AC 100-240V 50/60Hz  |
| Power Consumption (Max) | 200W   |
| Dimension (mm/inch)     | 282 x 337 x 401 /<br>11.1 x 13.3 x 15.8 (WHD)                          |
| Weight (kg/lbs)         | 7.6 / 16.8   |

### PHOTOMETRIC DATA LUX

|          |     |
|----------|-----|
| 3m (50°) | 844 |
| 5m (50°) | 331 |
| 7m (50°) | 178 |
| 9m (50°) | 110 |



# 04 PRODUCTS DESCRIPTION

New Version LED Panel Light

## A-PLUS-J Series

### A8-PLUS-J



#### SPECIFICATIONS

|                                   |  |
|-----------------------------------|--|
| LED Chip                          | 0.5W Full RGBW LED   |
| White Light                       | 2,500~10,000K (VCT)  |
| Full Color Light                  | Full RGB+W   |
| Dimming (%)                       | 0~100 (16-bit)   |
| Light Aperture Diameter (mm/inch) | 597 x 297 / 23.5 x 11.7  |
| Beam Angle                        | 115° (Standard)  |
| Supported Protocols               | DMX512 / DMX512 RDM / <b>OPTION</b> Wireless DMX512 Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz  |
| Power Consumption (Max)           | 400W   |
| Dimension (mm/inch)               | 708 x 390 x 192 / 27.9 x 15.4 x 7.6 (WHD)                        |
| Weight (kg/lbs)                   | 10 / 22  |

#### PHOTOMETRIC DATA LUX

|                                   |      |
|-----------------------------------|------|
| Front side Micro Lens / 3m (115°) | 1113 |
| Front side Micro Lens / 5m (115°) | 401  |
| Front side Micro Lens / 7m (115°) | 205  |
| Front side Micro Lens / 9m (115°) | 123  |
| Flip Side Micro Lens / 3m (85°)   | 1527 |
| Flip Side Micro Lens / 5m (85°)   | 550  |
| Flip Side Micro Lens / 7m (85°)   | 281  |
| Flip Side Micro Lens / 9m (85°)   | 168  |

### A6-PLUS-J



#### SPECIFICATIONS

|                                   |  |
|-----------------------------------|--|
| LED Chip                          | 0.5W Full RGBW LED   |
| White Light                       | 2,500~10,000K (VCT)  |
| Full Color Light                  | Full RGB+W   |
| Dimming (%)                       | 0~100 (16-bit)   |
| Light Aperture Diameter (mm/inch) | 447 x 297 / 17.6 x 11.7  |
| Beam Angle                        | 115° (Standard)  |
| Supported Protocols               | DMX512 / DMX512 RDM / <b>OPTION</b> Wireless DMX512 Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz  |
| Power Consumption (Max)           | 300W   |
| Dimension (mm/inch)               | 563 x 390 x 192 / 22.2 x 15.4 x 7.6 (WHD)                        |
| Weight (kg/lbs)                   | 8.1 / 17.9   |

#### PHOTOMETRIC DATA LUX

|                                   |      |
|-----------------------------------|------|
| Front side Micro Lens / 3m (115°) | 750  |
| Front side Micro Lens / 5m (115°) | 270  |
| Front side Micro Lens / 7m (115°) | 138  |
| Front side Micro Lens / 9m (115°) | 83   |
| Flip Side Micro Lens / 3m (85°)   | 1061 |
| Flip Side Micro Lens / 5m (85°)   | 382  |
| Flip Side Micro Lens / 7m (85°)   | 195  |
| Flip Side Micro Lens / 9m (85°)   | 118  |

### A4-PLUS-J



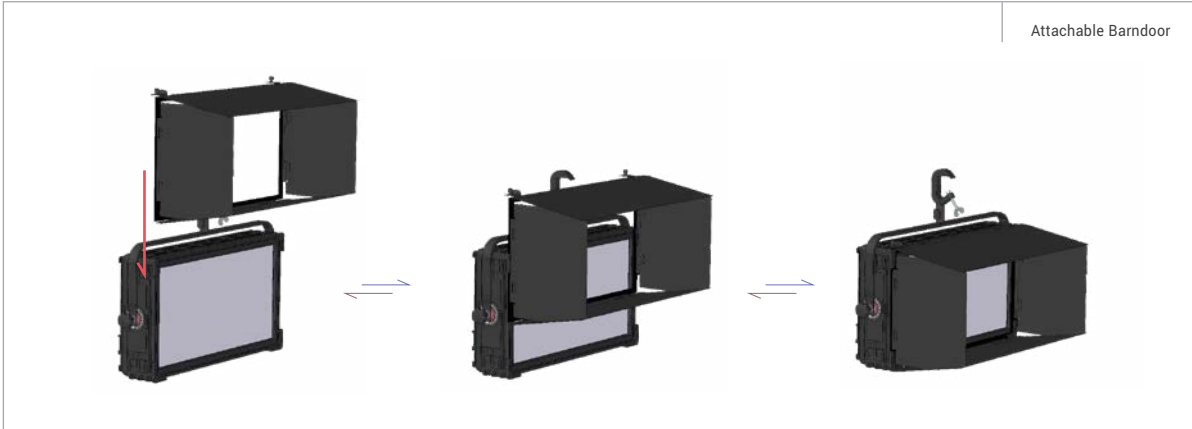
#### SPECIFICATIONS

|                                   |  |
|-----------------------------------|--|
| LED Chip                          | 0.5W Full RGBW LED   |
| White Light                       | 2,500~10,000K (VCT)  |
| Full Color Light                  | Full RGB+W   |
| Dimming (%)                       | 0~100 (16-bit)   |
| Light Aperture Diameter (mm/inch) | 297 x 297 / 11.7 x 11.7  |
| Beam Angle                        | 115° (Standard)  |
| Supported Protocols               | DMX512 / DMX512 RDM / <b>OPTION</b> Wireless DMX512 Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz  |
| Power Consumption (Max)           | 230W   |
| Dimension (mm/inch)               | 413 x 390 x 192 / 16.3 x 15.4 x 7.6 (WHD)                        |
| Weight (kg/lbs)                   | 6.6 / 14.6   |

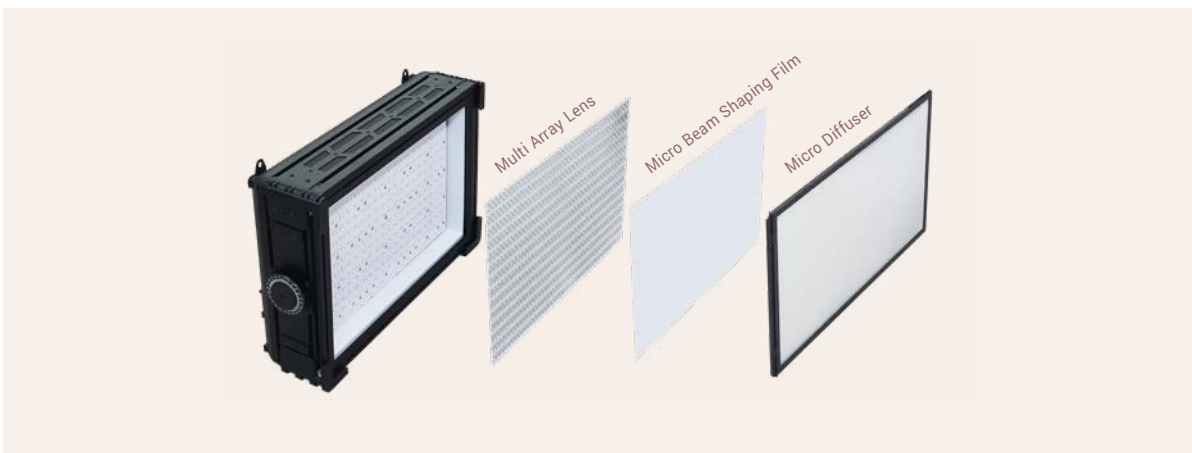
#### PHOTOMETRIC DATA LUX

|                                   |     |
|-----------------------------------|-----|
| Front side Micro Lens / 3m (115°) | 558 |
| Front side Micro Lens / 5m (115°) | 201 |
| Front side Micro Lens / 7m (115°) | 103 |
| Front side Micro Lens / 9m (115°) | 62  |
| Flip Side Micro Lens / 3m (85°)   | 791 |
| Flip Side Micro Lens / 5m (85°)   | 285 |
| Flip Side Micro Lens / 7m (85°)   | 145 |
| Flip Side Micro Lens / 9m (85°)   | 88  |

- 1 Ultra HD Lighting Quality
- 2 High CRI True Color
- 3 High TLCI True Color
- 4 Flicker Free
- 5 Smart Touch Control
- 6 USB Firmware Upgrade
- 7 Long LED Lifetime



**\* A6-PLUS-J [ LENS SYSTEM ]**



| <b>OPTIONAL ACCESSORIES</b> | Manual yoke   | Pole operation yoke | Power cable     |
|-----------------------------|---------------|---------------------|-----------------|
| Clamp                       | DMX cable     | Safety chain        | 4 leaf barndoor |
| Multi array lens            | Diffuser lens | Soft box            |                 |

# 04 PRODUCTS DESCRIPTION

LED Panel Light

## A-PLUS Series

1 Ultra HD Lighting Quality

4 Flicker Free

7 Long LED Lifetime

2 High CRI True Color

5 Smart Touch Control

3 High TLCI True Color

6 USB Firmware Upgrade

### A8-PLUS

조달물품식별번호  
23959515



#### SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| LED Chip                          | 0.5W / 3030 PKG / RGB5050 PKG   |
| White Light                       | 2,500~10,000K (VCT)   |
| Full Color Light                  | Full RGB+W  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 571 x 240 / 22.5 x 9.5  |
| Beam Angle                        | 135°  |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 400W  |
| Dimension (mm/inch)               | 685 x 320 x 170 / 27 x 12.6 x 6.7 (WHD)                               |
| Weight (kg/lbs)                   | 9.7 / 21.4  |

#### PHOTOMETRIC DATA LUX

|           |      |
|-----------|------|
| 3m (135°) | 1040 |
| 5m (135°) | 402  |
| 7m (135°) | 213  |
| 9m (135°) | 136  |

### A6-PLUS

조달물품식별번호  
23959516






#### SPECIFICATIONS




|                                   |   |
|-----------------------------------|---|
| LED Chip                          | 0.5W / 3030 PKG / RGB5050 PKG   |
| White Light                       | 2,500~10,000K (VCT)   |
| Full Color Light                  | Full RGB+W  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 369 x 238 / 14.5 x 9.4  |
| Beam Angle                        | 135°  |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 300W  |
| Dimension (mm/inch)               | 538 x 320 x 170 / 21.2 x 12.6 x 6.7 (WHD)                             |
| Weight (kg/lbs)                   | 7 / 15.4  |



#### PHOTOMETRIC DATA LUX

|           |     |
|-----------|-----|
| 3m (135°) | 589 |
| 5m (135°) | 235 |
| 7m (135°) | 126 |
| 9m (135°) | 80  |

#### OPTIONAL ACCESSORIES

-  Manual yoke
-  DMX cable
-  Soft box

-  Pole operation yoke
-  Safety chain
-  Honeycomb

-  Power cable
-  Clamp

## A2460

조달물품식별번호  
23961342



### SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| LED Chip                          | 0.5W / 5050 PKG   |
| White Light                       | 2,900~6,000K (VCT)  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 571 x 240 / 22.5 x 9.5  |
| Beam Angle                        | 135°  |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 300W  |
| Dimension (mm/inch)               | 685 x 320 x 170 / 27 x 12.6 x 6.7 (WHD)                               |
| Weight (kg/lbs)                   | 9.7 / 21.4  |

### PHOTOMETRIC DATA LUX

|           |     |
|-----------|-----|
| 3m (135°) | 788 |
| 5m (135°) | 310 |
| 7m (135°) | 164 |
| 9m (135°) | 104 |

## A2440

조달물품식별번호  
23961341



### SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| LED Chip                          | 0.5W / 5050 PKG   |
| White Light                       | 2,900~6,000K (VCT)  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 369 x 238 / 14.5 x 9.4  |
| Beam Angle                        | 135°  |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 200W  |
| Dimension (mm/inch)               | 482 x 320 x 170 / 19 x 12.6 x 6.7 (WHD)                               |
| Weight (kg/lbs)                   | 6.7 / 14.8  |

### PHOTOMETRIC DATA LUX

|           |     |
|-----------|-----|
| 3m (135°) | 429 |
| 5m (135°) | 200 |
| 7m (135°) | 95  |
| 9m (135°) | 60  |

#### OPTIONAL ACCESSORIES

- Manual yoke
- DMX cable
- Soft box

- Pole operation yoke
- Safety chain
- Honeycomb

- Power cable
- Clamp

# 04 PRODUCTS DESCRIPTION

LED Edge Panel Light

## E Series

### E3060

조달물품식별번호  
23961339



#### SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| LED Chip                          | 0.5W 3030 PKG + Edge Reflector  |
| White Light                       | 2,900~6,000K (VCT)  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 632 x 300 / 24.9 x 11.8   |
| Beam Angle                        | over 135°   |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 300W  |
| Dimension (mm/inch)               | 721 x 356 x 112 / 28.4 x 14 x 4.4 (WHD)                               |
| Weight (kg/lbs)                   | 11.4 / 25.1   |

#### PHOTOMETRIC DATA LUX

|           |     |
|-----------|-----|
| 3m (135°) | 548 |
| 5m (135°) | 225 |
| 7m (135°) | 122 |
| 9m (135°) | 76  |

### E2440

조달물품식별번호  
23961338



#### SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| LED Chip                          | 0.5W 3030 PKG + Edge Reflector  |
| White Light                       | 2,900~6,000K (VCT)  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 425 x 246 / 16.7 x 9.7  |
| Beam Angle                        | over 135°   |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 200W  |
| Dimension (mm/inch)               | 514 x 302 x 112 / 20.2 x 11.9 x 4.4 (WHD)                             |
| Weight (kg/lbs)                   | 7.75 / 17.1   |

#### PHOTOMETRIC DATA LUX

|           |     |
|-----------|-----|
| 3m (135°) | 349 |
| 5m (135°) | 148 |
| 7m (135°) | 82  |
| 9m (135°) | 50  |

- 1 Ultra HD Lighting Quality
- 2 Side Reflection Lighting System
- 3 Quite (No Fan)
- 4 High CRI True Color
- 5 High TLCI True Color
- 6 Flicker Free
- 7 Smart Touch Control
- 8 USB Firmware Upgrade
- 9 Long LED Lifetime

## E2040

조달물품식별번호  
23961340



### SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| LED Chip                          | 0.5W 3030 PKG + Edge Reflector  |
| White Light                       | 2,900~6,000K (VCT)  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 425 x 200 / 16.7 x 7.9  |
| Beam Angle                        | over 135°   |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 150W  |
| Dimension (mm/inch)               | 514 x 256 x 112 / 20.2 x 10.1 x 4.4 (WHD)                             |
| Weight (kg/lbs)                   | 6.8 / 15  |

### PHOTOMETRIC DATA LUX

|           |     |
|-----------|-----|
| 3m (135°) | 277 |
| 5m (135°) | 123 |
| 7m (135°) | 69  |
| 9m (135°) | 41  |

## E1360

조달물품식별번호  
23959517






### SPECIFICATIONS




|                                   |   |
|-----------------------------------|---|
| LED Chip                          | 0.5W 3030 PKG + Edge Reflector  |
| White Light                       | 2,900~6,000K (VCT)  |
| Dimming (%)                       | 0~100 (16-bit)  |
| Light Aperture Diameter (mm/inch) | 632 x 130 / 24.9 x 5.1  |
| Beam Angle                        | over 135°   |
| Supported Protocols               | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz   |
| Power Consumption (Max)           | 150W  |
| Dimension (mm/inch)               | 721 x 186 x 112 / 28.4 x 7.3 x 4.4 (WHD)                              |
| Weight (kg/lbs)                   | 7.3 / 16.1  |



### PHOTOMETRIC DATA LUX

|           |     |
|-----------|-----|
| 3m (135°) | 277 |
| 5m (135°) | 123 |
| 7m (135°) | 69  |
| 9m (135°) | 41  |

#### OPTIONAL ACCESSORIES

-  Manual yoke
-  Power cable
-  Clamp

-  Pole operation yoke
-  DMX cable
-  Honeycomb

-  Leg - light
-  Safety chain

# 04 PRODUCTS DESCRIPTION

LED Cyclorama / Horizont Light

## CYC Series

- 1 Ultra HD Lighting Quality
- 2 Great Flat Brightness
- 3 Variety Color Representation
- 4 High Power LED
- 5 Flicker Free
- 6 Smart Touch Control
- 7 USB Firmware Upgrade
- 8 Long LED Lifetime

### CYC500

조달물품식별번호  
24089340



#### SPECIFICATIONS

|                                   |  |
|-----------------------------------|--|
| LED Chip                          | 3W CREE XP-E × 108ea   |
| Full Color Light                  | Full RGB + Amber + White + Royal Blue  |
| Dimming (%)                       | 0~100 (16-bit)   |
| Light Aperture Diameter (mm/inch) | 450 × 115 / 17.7 × 4.5   |
| Beam Angle                        | 60° × 135° / 85° × 150° / 130° × 60° / 20° × 60° / 30° × 60° / 40° × 60°         |
| Supported Protocols               | DMX512 / DMX512 RDM / <b>OPTION</b> Wireless DMX512 / <b>OPTION</b> Wireless RDM |
| Power Input Voltage               | AC 100-240V 50/60Hz  |
| Power Consumption (Max)           | 300W   |
| Dimension (mm/inch)               | 556 x 193 x 186 / 21.9 x 7.6 x 7.3 (WHD)   |
| Weight (kg/lbs)                   | 8.6 / 19   |

#### \* Light Distribution [(W)6m x (H)8m]



#### \* Light Distribution [(W)12m x (H)8m]



#### OPTIONAL ACCESSORIES

 Leg - light

 Leg - hard

 Power cable

 DMX cable

 Safety chain

 Clamp

## PS750C



### SPECIFICATIONS

|                         |   |
|-------------------------|---|
| LED Chip                | 350W CSP LED  |
| white Light             | 2,500~10,000K (VCT)   |
| Full Color Light        | Full RGB + Amber + Lime + Cyan (6Color Gamut with Hue and Saturation Control) |
| Dimming                 | 0~100 (16-bit)  |
| Beam Angle              | 18°~38° / 5°~10° / 9°~18° / 19° / 36° / 50°                                   |
| Supported Protocols     | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM         |
| Power Input Voltage     | AC 100-240V 50/60Hz   |
| Power Consumption (Max) | 250W  |
| Dimension               | 745 x 294 x 294 / 29.3 x 11.6 x 11.6 (WHD)                                    |
| Weight (kg / lbs)       | 5.6 / 12.3  |

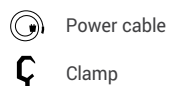
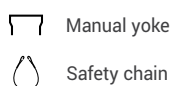
## PS750W



### SPECIFICATIONS

|                         |   |
|-------------------------|---|
| LED Chip                | 400W CSP/COB LED  |
| Full Color Light        | 2,900~6,000K (VCT)  |
| Dimming                 | 0~100 (16-bit)  |
| Beam Angle              | 18°~38° / 5°~10° / 9°~18°   |
| Supported Protocols     | DMX512 / DMX512 RDM /<br><b>OPTION</b> Wireless DMX512 / Wireless RDM |
| Power Input Voltage     | AC 100-240V 50/60Hz   |
| Power Consumption (Max) | 250W  |
| Dimension               | 745 x 294 x 294 / 29.3 x 11.6 x 11.6 (WHD)                            |
| Weight (kg / lbs)       | 5.6 / 12.3  |

#### OPTIONAL ACCESSORIES





# 04 PRODUCTS DESCRIPTION

LED Downlight

## DL Series

### DL100

조달물품식별번호  
23959514



#### SPECIFICATIONS

|                                 |                     |
|---------------------------------|---------------------|
| LED Chip                        | 100W                |
| White Light                     | 3200K / 5600K (FCT) |
| Dimming (%)                     | 0~100 (16-bit)      |
| Cut-off Size Diameter (mm/inch) | 205-230 / 8.1-9.1   |
| Tilt                            | ±27°                |
| Beam Angle                      | 30° / 40° / 65°     |
| Supported Protocols             | DMX512              |
| Power Input Voltage             | AC 100-240V         |
| Power Consumption (Max)         | 85W                 |
| Dimension (mm/inch)             | ø250 x 160          |
| Weight (kg/lbs)                 | 1.55 / 3.4          |

### DL50

조달물품식별번호  
23148472

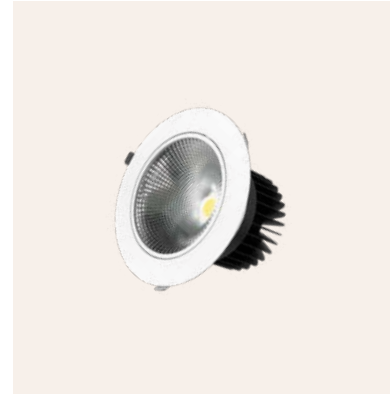


#### SPECIFICATIONS

|                                 |                     |
|---------------------------------|---------------------|
| LED Chip                        | 50W                 |
| White Light                     | 3200K / 5600K (FCT) |
| Dimming (%)                     | 0~100 (16-bit)      |
| Cut-off Size Diameter (mm/inch) | 205-230 / 8.1-9.1   |
| Tilt                            | ±27°                |
| Beam Angle                      | 30° / 40° / 65°     |
| Supported Protocols             | DMX512              |
| Power Input Voltage             | AC 100-240V         |
| Power Consumption (Max)         | 52W                 |
| Dimension (mm/inch)             | ø250 x 126          |
| Weight (kg/lbs)                 | 1.25 / 2.8          |

### DL30

조달물품식별번호  
23148473

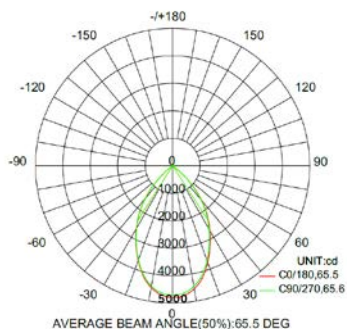


#### SPECIFICATIONS

|                                 |                     |
|---------------------------------|---------------------|
| LED Chip                        | 35W                 |
| White Light                     | 3200K / 5600K (FCT) |
| Dimming (%)                     | 0~100 (16-bit)      |
| Cut-off Size Diameter (mm/inch) | 142-155 / 5.6-6.1   |
| Tilt                            | ±27°                |
| Beam Angle                      | 30° / 40° / 60°     |
| Supported Protocols             | DMX512              |
| Power Input Voltage             | AC 100-240V         |
| Power Consumption (Max)         | 32W                 |
| Dimension (mm/inch)             | ø170 x 120          |
| Weight (kg/lbs)                 | 0.85 / 1.9          |

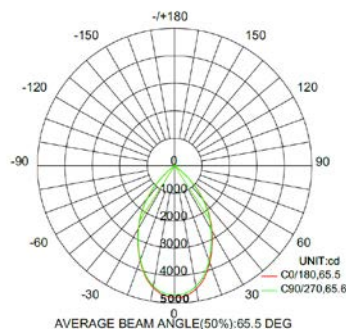
#### DL100 | 60°

##### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



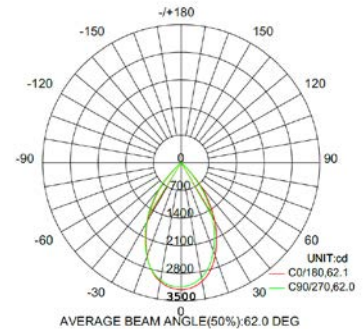
#### DL50 | 60°

##### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



#### DL30 | 60°

##### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



1 High CRI True Color  
4 Long LED Lifetime

2 High TLCI True Color

3 Flicker Free

## DLT50



### SPECIFICATIONS

|                                 |                       |
|---------------------------------|-----------------------|
| LED Chip                        | 50W                   |
| White Light                     | 3200K / 5600K (FCT)   |
| Dimming                         | 0~100 (16-bit)        |
| Cut-off Size Diameter (mm/inch) | 175-183 / 6.9-7.2     |
| Tilt                            | ±27°                  |
| Beam Angle                      | 15° / 24° / 40° / 60° |
| Supported Protocols             | DMX512                |
| Power Input Voltage             | AC 100-240V           |
| Power Consumption (Max)         | 52W                   |
| Dimension (mm/inch)             | ø190 x 130            |

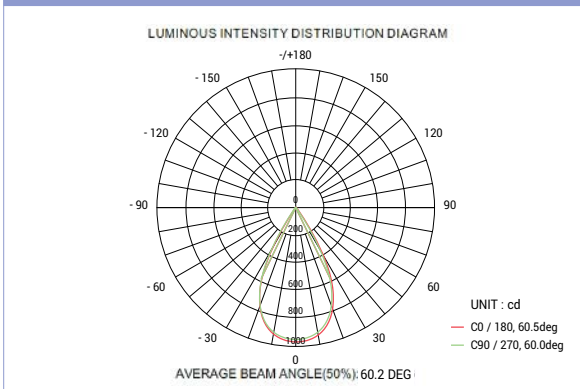
## DLT30



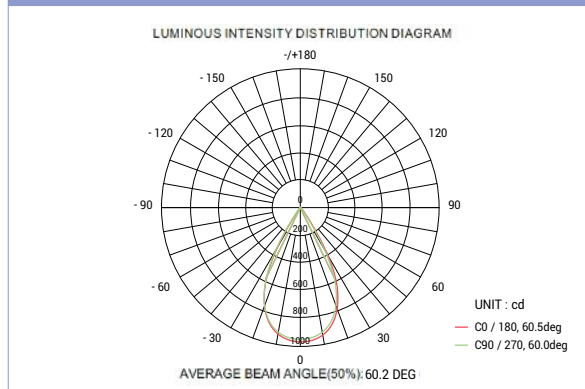
### SPECIFICATIONS

|                                 |                       |
|---------------------------------|-----------------------|
| LED Chip                        | 35W                   |
| White Light                     | 3200K / 5600K (FCT)   |
| Dimming                         | 0~100 (16-bit)        |
| Cut-off Size Diameter (mm/inch) | 145-153 / 5.7-6       |
| Tilt                            | ±27°                  |
| Beam Angle                      | 15° / 24° / 40° / 60° |
| Supported Protocols             | DMX512                |
| Power Input Voltage             | AC 100-240V           |
| Power Consumption (Max)         | 32W                   |
| Dimension (mm/inch)             | ø160 x 135            |

### DLT50 | 60°



### DLT30 | 60°



# 04 PRODUCTS DESCRIPTION

LED Track Light

## TL Series

1 High CRI True Color

2 High TLCI True Color

3 Flicker Free

4 Long LED Lifetime

### TL30 FOCUS ZOOM



#### SPECIFICATIONS

|                         |   |
|-------------------------|---|
| LED Chip                | 32W   |
| White Light             | 5600K (FCT)                                 |
| Dimming (%)             | 0~100 (16-bit)                              |
| Track Adapter           | 2-way, 3-way, 4-way, 6-way                  |
| Tilt                    | 90°   |
| Beam Angle              | 5°- 20° Shapable Round / Square / Rectangle |
| Supported Protocols     | DMX512 with Controller                      |
| Power Input Voltage     | AC 200-240V                                 |
| Power Consumption (Max) | 28.8W                                       |
| Dimension (mm/inch)     | ø88 x 300                                   |
| Weight (kg/lbs)         | 2 / 4.4                                     |

### TL30 ZOOM SPOT



#### SPECIFICATIONS

|                         |                            |
|-------------------------|----------------------------|
| LED Chip                | 32W                        |
| White Light             | 5600K (FCT)                |
| Dimming (%)             | 0~100 (16-bit)             |
| Track Adapter           | 2-way, 3-way, 4-way, 6-way |
| Tilt                    | 90°                        |
| Beam Angle              | 15°- 60° zoomable          |
| Supported Protocols     | DMX512 with Controller     |
| Power Input Voltage     | AC 200-240V                |
| Power Consumption (Max) | 28.8W                      |
| Dimension (mm/inch)     | ø90 x 196                  |
| Weight (kg/lbs)         | 1.1 / 2.4                  |

### TL30



#### SPECIFICATIONS

|                         |                            |
|-------------------------|----------------------------|
| LED Chip                | 32W                        |
| White Light             | 5600K (FCT)                |
| Dimming (%)             | 0~100 (16-bit)             |
| Track Adapter           | 2-way, 3-way, 4-way, 6-way |
| Tilt                    | 90°                        |
| Beam Angle              | 30° / 40° / 60°            |
| Supported Protocols     | DMX512 with Controller     |
| Power Input Voltage     | AC 200-240V                |
| Power Consumption (Max) | 28.8W                      |
| Dimension (mm/inch)     | ø99 x 150                  |
| Weight (kg/lbs)         | 1.5 / 3.3                  |

#### \* TRACK LIGHT CONTROLLER



#### OPTIONAL ACCESSORIES



4 leaf barndoor



Diffuser



Honeycomb

LED Desk Pad

# Beauty Soft Light

1 Ultra HD Lighting Quality

4 Wide Angle

7 Flicker Free

2 Side Reflection Lighting System

5 High CRI True Color

8 Long LED Lifetime

3 Quite (No Fan)

6 High TLCI True Color

## DSPAD



### SPECIFICATIONS

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| LED Chip                          | 0.5W 3030 PKG + Edge Reflector        |
| White Light                       | 2,900~6,000K (VCT)                    |
| Dimming (%)                       | 0~100 (16-bit)                        |
| Light Aperture Diameter (mm/inch) | 215 × 65 / 8.5 × 2.5                  |
| Beam Angle                        | 135°                                  |
| Power Input Voltage               | 12.6V DC                              |
| Lighting Time (Battery)           | 2.5 hours                             |
| Power Consumption (Max)           | 18W                                   |
| Dimension (mm/inch)               | 240 x 90 x 29 / 9.5 x 3.5 x 1.1 (WHD) |
| Weight (kg/lbs)                   | 0.8 / 1.8                             |

#### OPTIONAL ACCESSORIES



Bracket

# 04 PRODUCTS DESCRIPTION

Wireless Module

## RX / TX

### RX / TX




#### SPECIFICATIONS

|                             |  |
|-----------------------------|--|
| Power Input Voltage         | AC 100-240V / 50~60Hz  |
| International License       | Free ISM band on 2.4GHz  |
| Operational Frequency Range | 2,402~2,480MHz   |
| Wireless Range              | Up to 1,000M   |
| Signal Control              | 5-Pin DMX In and Out / Antenna : RP-SMA female                                   |
| Supported Protocol          | DMX512 / DMX512 RDM / <b>OPTION</b> Wireless DMX512 / <b>OPTION</b> Wireless RDM |
| Dimension (mm/inch)         | 173 × 135 × 50 / 6.8 × 5.3 × 2 (WHD)   |
| Weight (kg/lbs)             | 0.8 / 1.7  |
| Protection Class            | IP20   |

#### Introduction

알파라이트는 스웨덴 Lumen Radio사와 협약을 맺어 기술과 정보를 제휴하고 있습니다. Lumen Radio사의 무선 DMX제품은 무선으로 조명 설비를 제어하는데 필요한 신뢰를 제공합니다. 획기적인 특허 인지 공존 기술(Cognitive Coexistence Technology)을 통한 무선 DMX용 CRMX™ 기술은 전 세계에 걸쳐 무선 조명 제어 표준이 되었습니다. 2.4 GHz 주파수에서 실행되는 모든 제품은 전 세계 어디에서든 사용할 수 있습니다. CRMX TX는 최대 512개의 채널을 하나의 DMX Universe로 변환시켜 전송하는 DMX 송신기이고, CRMX RX는 CRMX TX를 통해 전송한 신호를 수신하는 DMX 수신기입니다. 여러 CRMX TX 장치를 함께 사용하여 여러 DMX Universe 전송이 가능하며 시스템을 쉽게 확장할 수 있습니다.

#### OPTIONAL ACCESSORIES

 Power cable

 DMX cable

 Clamp

- 1 Ultra HD Lighting Quality
- 2 High CRI True Color
- 3 High TLCI True Color
- 4 Flicker Free
- 5 Smart Touch Control
- 6 USB Firmware Upgrade
- 7 Long LED Lifetime

## L600



### SPECIFICATIONS

|                         |  |
|-------------------------|--|
| Power Input Voltage     | AC 100-240V / 50~60Hz  |
| LED Chip                | 0.5W RGB 3030 PKG LED  |
| Full Color Light        | Full RGB+W   |
| Beam Angle              | 110°   |
| Color Temperature       | 2,900~6,000K (VCT)   |
| Dimming (%)             | 0~100 (16-bit)   |
| Supported Protocol      | DMX512 / DMX512 RDM / <b>OPTION</b> Wireless DMX512 / <b>OPTION</b> Wireless RDM |
| Power Consumption (Max) | 50W  |
| Dimension (mm/inch)     | 732 x 161.5 x 85 / 28.8 x 6.4 x 3.3 (WHD)  |
| Weight (kg/lbs)         | 4.5 / 9.9  |

### DMXLAN SWITCH GBX18



#### SPECIFICATIONS

|  |   |
|--|---|
| Features                                     | Real-time backup loops  |
|  | Local control via colour screen and rotary encoder                                  |
|  | 8 × 1 Gbps Network Ports with PoE (802.3af-2003 Standard) on the front with RGB LED |
|  | 8 × 1 Gbps Network Ports on the rear  |
|  | Supported by dmXLAN software  |
|  | Partition of the network into separate VLANs  |
|  | DANTE Compatible  |
| Can act as master for the dmXLAN nodeGBxSL 8 |   |
| Power Input Voltage                          | 100-240VAC, 50 - 60Hz, Switched PSU on PowerconTrue1                                |
| Consumption                                  | max 120W  |
| Heat dissipation                             | max 10W   |
| Connections                                  | 16x Neutrik RJ45 Ethercon , 1x Powercon True1 inlet-outlet, 2x SFP cages            |
| Controls                                     | TFT multicolor display and rotary encoder / pushbutton for setup menu selection     |
| Dimension (mm/inch)                          | 483 x 1U x 165 / 19 x 1U x 6.5 (WHD)  |
| Weight (kg/lbs)                              | 2.85 / 6.3  |

### DMXLAN SWITCH GBX10



#### SPECIFICATIONS

|                     |   |
|---------------------|---|
| Features            | Real-time backup loops  |
|                     | Local control via colour screen and rotary encoder                                  |
|                     | 4 × 1 Gbps Network Ports with PoE (802.3af-2003 Standard) on the front with RGB LED |
|                     | 4 × 1 Gbps Network Ports on the rear  |
|                     | Supported by dmXLAN software  |
|                     | Partition of the network into separate VLANs  |
|                     | Can act as master for the dmXLAN nodeGBxSL 8  |
| Power Input Voltage | 100-240VAC, 50 - 60Hz, Switched PSU on PowerconTrue1                                |
| Consumption         | max 60W   |
| Heat dissipation    | max 10W   |
| Connections         | 8 × Neutrik RJ45 Ethercon , 2 × Powercon True1, 2 × SFP cages                       |
| Controls            | TFT multicolor display and rotary encoder / pushbutton for setup menu selection     |
| Dimension (mm/inch) | 483 x 1U x 165 / 19 x 1U x 6.5 (WHD)  |
| Weight (kg/lbs)     | 2.45 / 5.4  |

## DMXLAN NODE8GBX

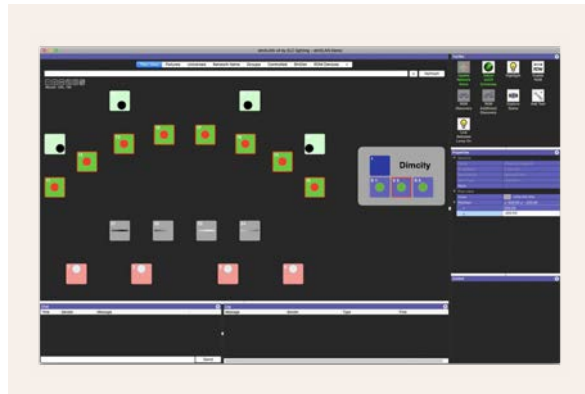


### SPECIFICATIONS

|                     |   |  |
|---------------------|---|--|
| Features            | Active output measurement   |  |
|                     | RGB LED for every DMX port  |  |
|                     | 8 Bi-directional DMX ports on the front panel, RDM compatible   |  |
|                     | Supports sACN, Art-Net & Shownet  |  |
|                     | Special supports of Pixel LED string protocols - WS2812 -2813, UCS1903, SK6822  |  |
|                     | Remote programming and monitoring and fixture parameter override  |  |
|                     | DMX Input normal or backup  |  |
| Power Input Voltage | DMX Output normal, HTP, Priority merging, Softpatch (channel by channel), programmable merging with DMX channel control |  |
|                     | Support for WYSIWYG, ESP, Capture   |  |
|                     | 100 - 240VAC, 50 - 60Hz, max. 10VA, Powercon True1 in-outlet  |  |
|                     | Consumption   | 8x bidirectional DMX connections via XLR 5-pin Socket 2x Neutrik RJ45 Ethercon chassis |
|                     |   | Controls   |
|                     | Dimension (mm/inch)   | 483 × 150 × 44 / 19 x 6 x 1.7 (WHD)  |
|                     | Weight (kg/lbs)   | 2 / 4.4  |



## DMXLAN V4



### SPECIFICATIONS

|   |   |
|---|---|
| Features  | Universe window to display all existing DMX universes in the network                            |
|   | Network window for displaying all components registered to the network                          |
|   | Log window for viewing all network activity and alerts of abnormalities                         |
|   | Plan view for a schematic representation of network items and fixtures                          |
|   | Ability to insert bitmap files as a background  |
|   | Control window for identifying network components, controlling fixtures                         |
|   | Fixture window for inserting moving lights or other devices for maintenance or control purposes |
|   | Control of device parameters of moving lights (e.g. for service technicians for maintenance)    |
|   | Display of DMX universes  |
|   | Setting of IP addresses of connected network components   |
| Firmware updates for connected network components | Properties window for configuring the network components  |
|   | Supports: Artnet - SCAN - Shownet - Pixel LED String  |





Coming soon

할로젠 조명 10KW급  
3세대 LED 스팟 조명 출시

# LED LIGHTING FOR UHD BROADCASTING ALPHA LAITE PRODUCT CATALOG

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